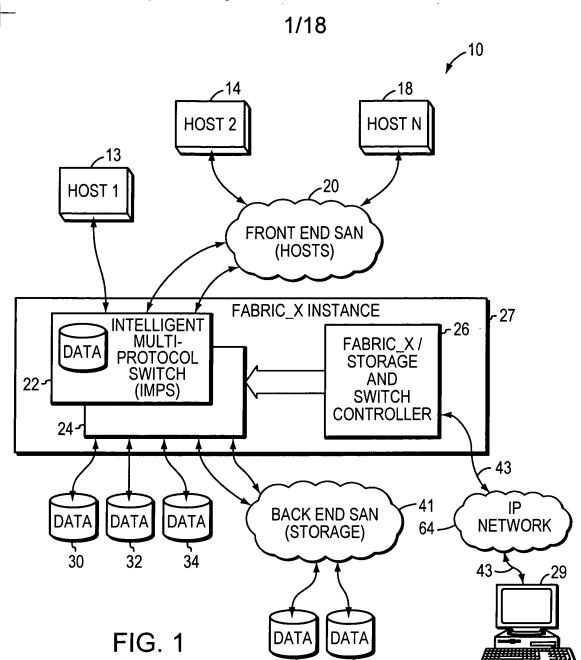
Applicants: U.S.S.N.: Bradford B. Glade, et al Not Yet Assigned Title: System and Method for Managing Storage Networks...

Not Yet Assigned/ Docket No.: EMC-02-119CIP3 Filing Date: Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. EK900599093US

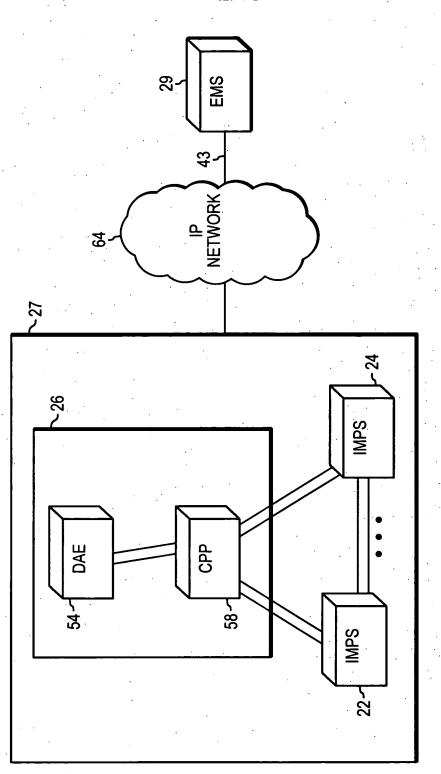


38

40

MANAGEMENT STATION (EMS)

Applicants: Bradford B. Glade, et al
U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634
Express Mail Mailing Label No. EK900599093US



Applicants: U.S.S.N.: Title: Bradford B. Glade, et al

U.S.S.N.: Not Yet Assigned

Title: System and Method for Managing Storage Networks...

Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

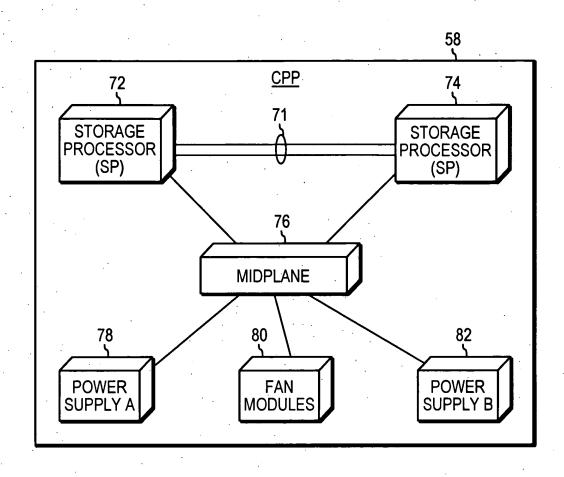


FIG. 3

Applicants: U.S.S.N.: Title: Bradford B. Glade, et al Not Yet Assigned

Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900599093US

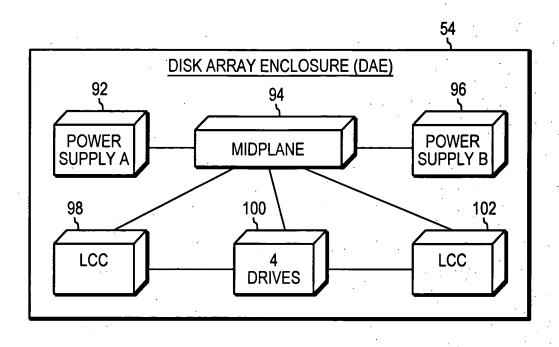


FIG. 4

Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

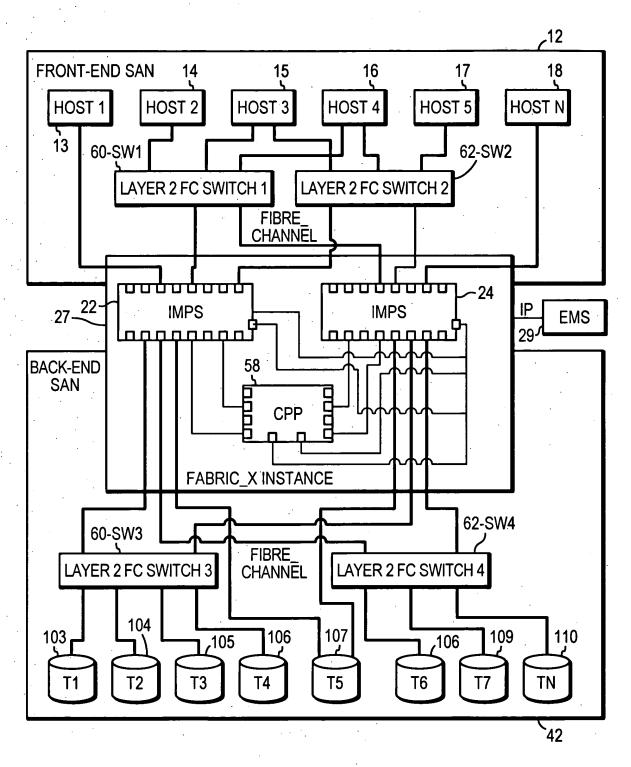
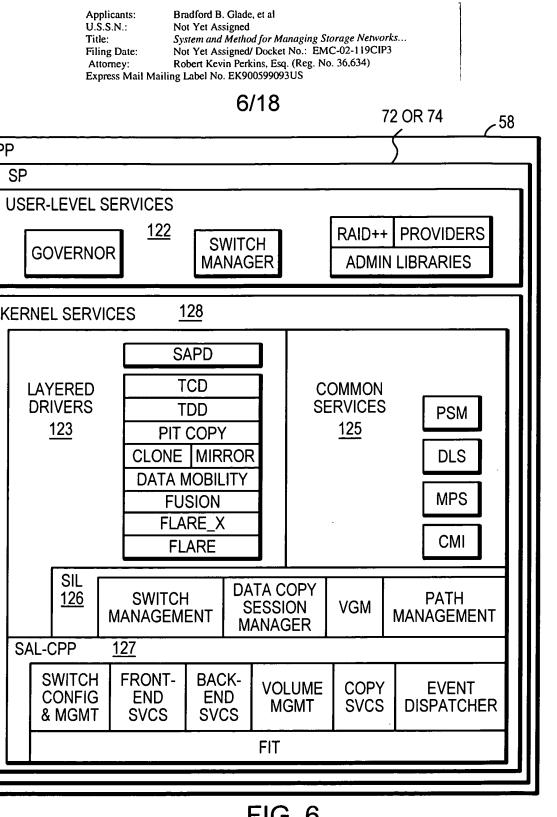


FIG. 5



CPP

SP

FIG. 6 22 OR 24 -

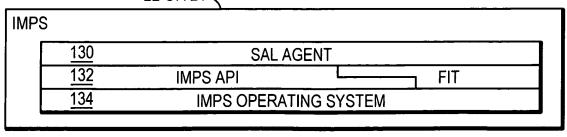


FIG. 7

Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

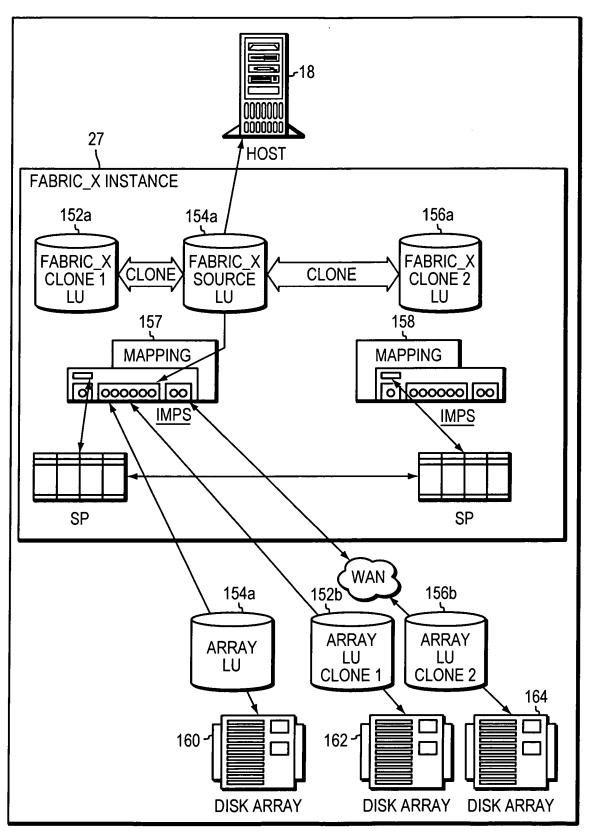


FIG. 8

Applicants: U.S.S.N.: Title: Bradford B. Glade, et al Not Yet Assigned System and Method for Managing Storage Networks... Not Yet Assigned/ Docket No.: EMC-02-119CIP3 Robert Kevin Perkins, Esq. (Reg. No. 36,634) Filing Date:

Attorney: Express Mail Mailing Label No. EK900599093US

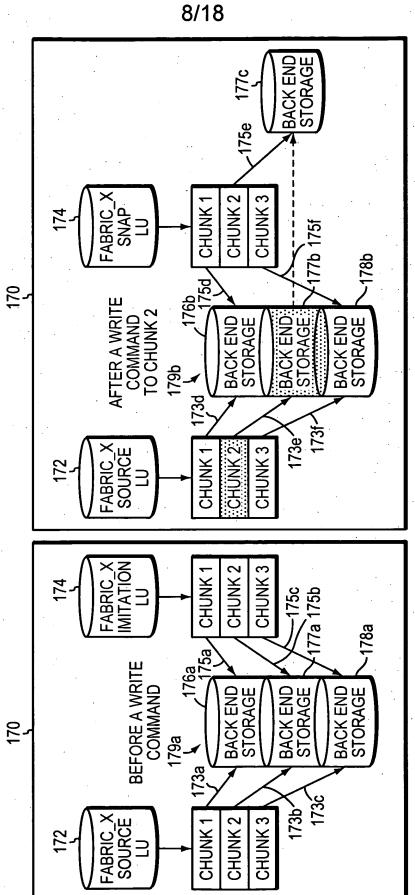


FIG. 10

FIG. 9

Title: System and Method for Managing Storage Networks...
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Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

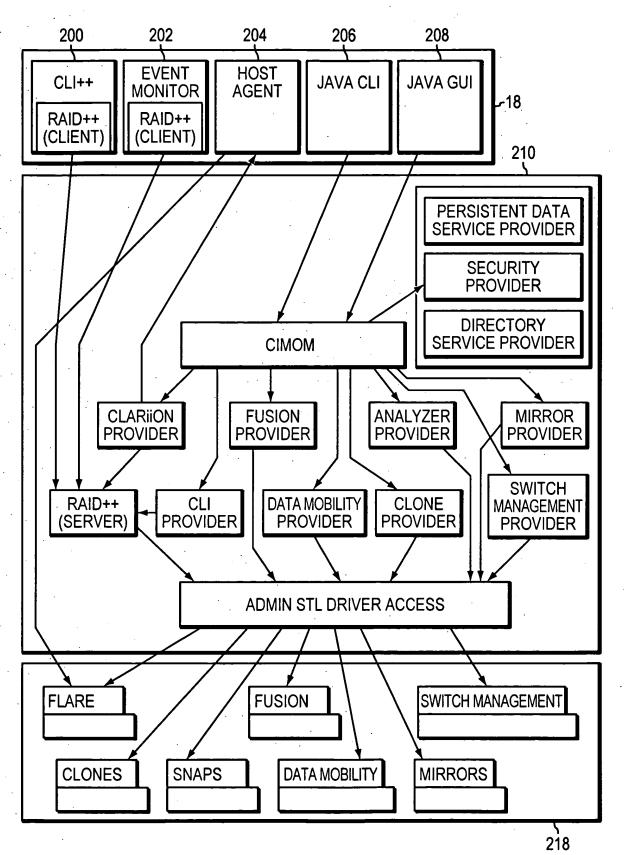


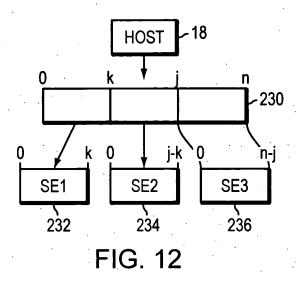
FIG. 11

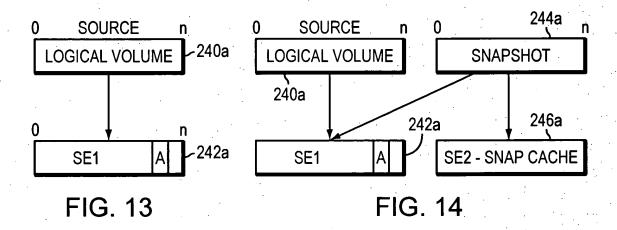
Applicants: U.S.S.N.: Bradford B. Glade, et al Not Yet Assigned

Title: System and Method for Managing Storage Networks... Not Yet Assigned/ Docket No.: EMC-02-119CIP3 Filing Date: Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

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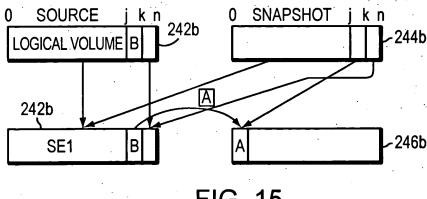
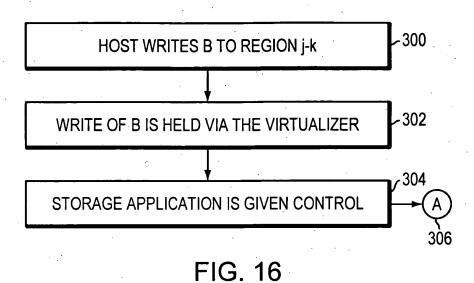


FIG. 15

Applicants: Bradford B. Glade, et al
U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
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Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

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STORAGE APPLICATION READS ORIGINAL DATA A FROM REGION j-k

APPLICATION WRITES ORIGINAL DATA "A"
TO ALLOCATED STORAGE IN THE SNAP CACHE

APPLICATION UPDATES THE LOGICAL MAPPING
FOR THE SNAP LOGICAL VOLUME
TO MAP REGION j-k TO THE NEW REGION
FOR A IN THE SNAP CACHE

APPLICATION ALLOWS ORIGINAL WRITE
TO PROCEED

308
308
308
308
308
309

FIG. 17

Applicants: U.S.S.N.: Title: Bradford B. Glade, et al Not Yet Assigned

Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900599093US

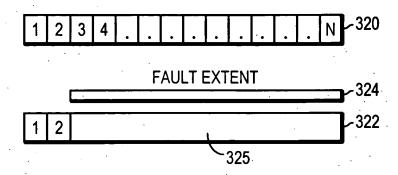
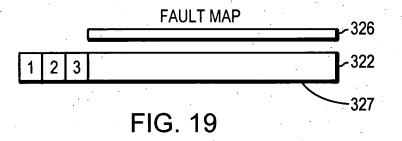


FIG. 18



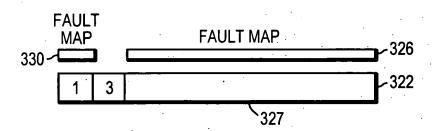


FIG. 20

Applicants: U.S.S.N.: Title: Bradford B. Glade, et al

U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900599093US

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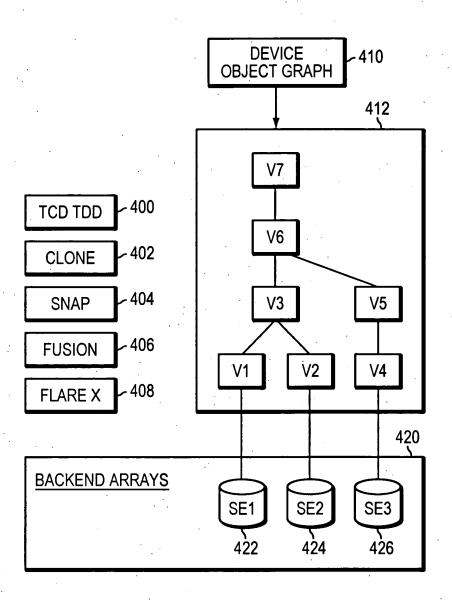
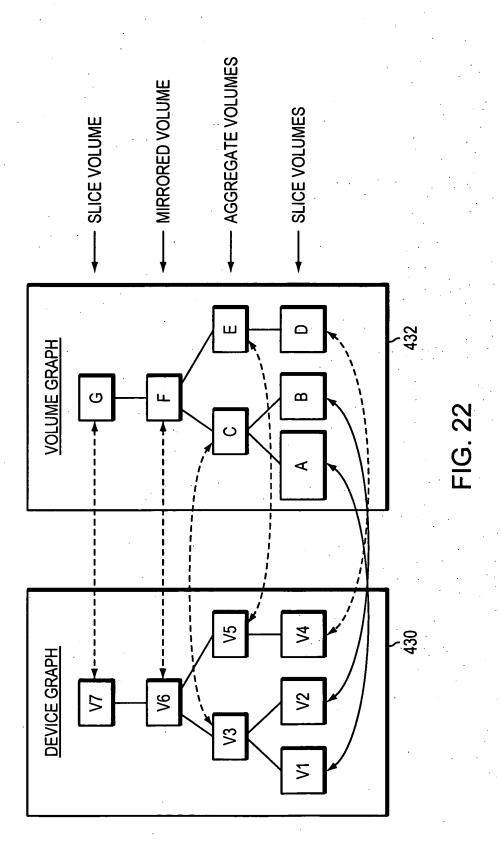


FIG. 21

Applicants: Bradford B. Glade, et al
U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900599093US



Applicants: Bradford B. Glade, et al
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Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634
Express Mail Mailing Label No. EK900599093US

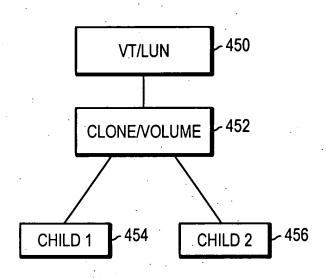


FIG. 23

Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900599093US

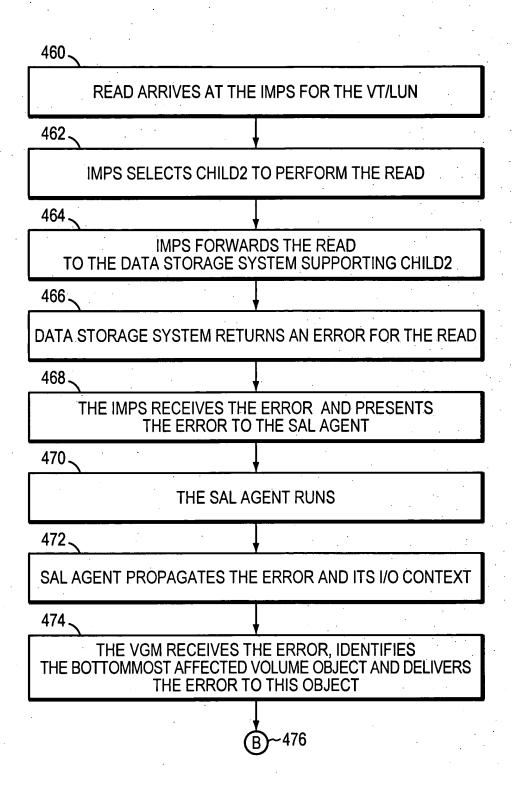


FIG. 24

Applicants: Bradford B. Glade, et al
U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. EK900599093US

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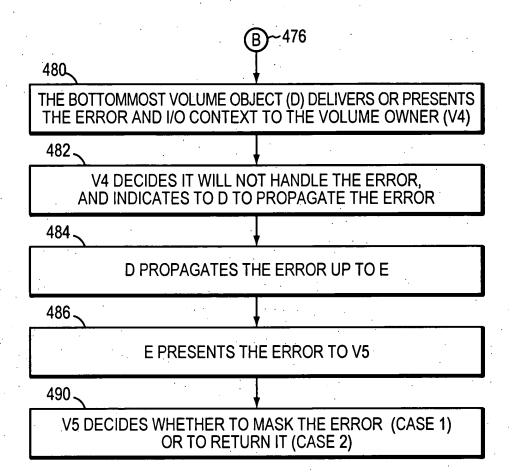


FIG. 25

Applicants: U.S.S.N.: Title: Bradford B. Glade, et al

U.S.S.N.: Not Yet Assigned
Title: System and Method for Managing Storage Networks...
Filing Date: Not Yet Assigned/ Docket No.: EMC-02-119CIP3
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900599093US

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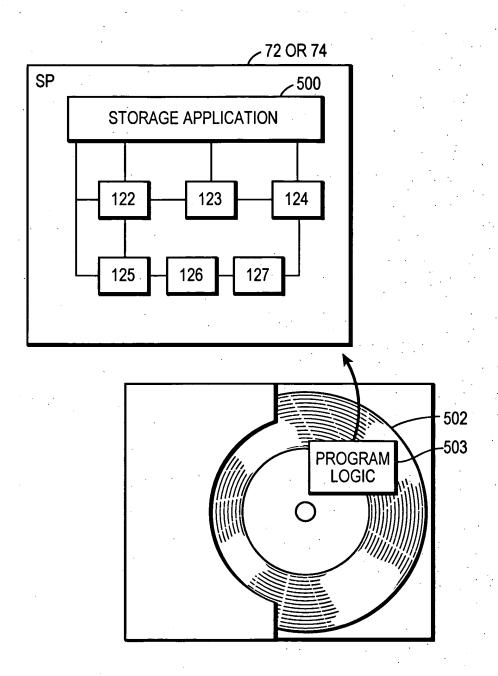


FIG. 26